**Application Number** Inventor Form PTO-1449 10/635,763 Charles Sumner et al **INFORMATION DISCLOSURE CITATION** IN AN APPLICATION PE Title Dual Pressure Catalytic Distillation Hydrogenation Column System For The Front End Of An Ethylene Plant (Use several sheets if necessary) Group Art Unit **Docket Number** Filing Date OCT 24 2005 08/05/2003 1764 ABBLUM/263/US S. PATENT DOCUMENTS DOCUMENT NUMBER DATE **EXAMINER** NAME **CLASS SUBCLASS** FILING DATE INITIAL IF APPROPRIATE 7/1980 Smith 252 426 4,215,011 502 159 5,189,001 2/1993 Johnson 5,679,241 92 10/1997 Stanley et al 208 3/1998 Groten et al 202 158 5,730,843 6,000,685 12/1999 Groten et al 261 112.2 6,759,562 B2 7/2004 Gartside et al 585 265 FOREIGN PATENT DOCUMENTS DATE COUNTRY CLASS SUBCLASS Translation DOCUMENT NUMBER YES NO W095/15934 6/1995 OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.) DATE CONSIDERED EXAMINER